Nano Letters

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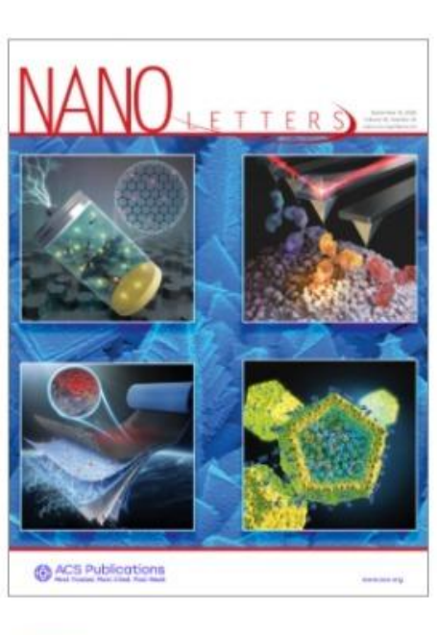

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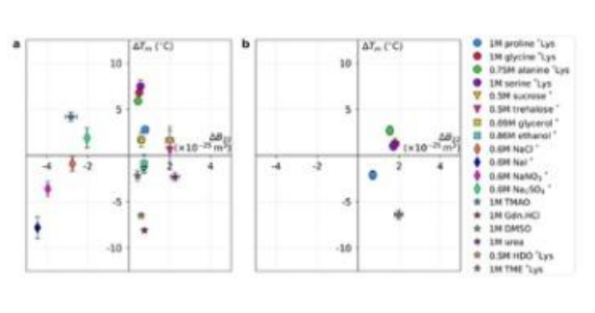

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The Need to Distinguish Colloidal and Thermal Stability for Proteins

Cécilia Siri; Ekaterina Poliukhina; Quy Khac Ong; Francesco Stellacci

Nano Lett. (2026) 26 (36): 11965–11970.

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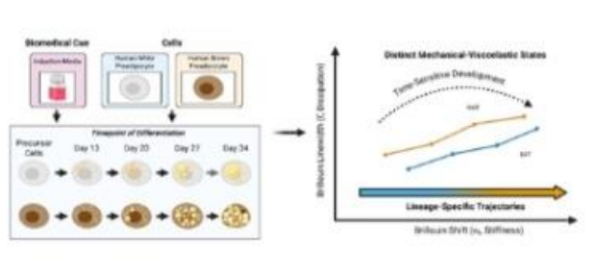

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Lineage-Specific Mechanical Trajectories of Lipid Droplets during Late-Stage Adipocyte Differentiation

Jianzhi Tang; Anoushka Gupta; Zihui Wang; Michael Ka Ho Lee; Ishan Barman

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https://doi.org/10.1021/acs.nanolett.6c01501

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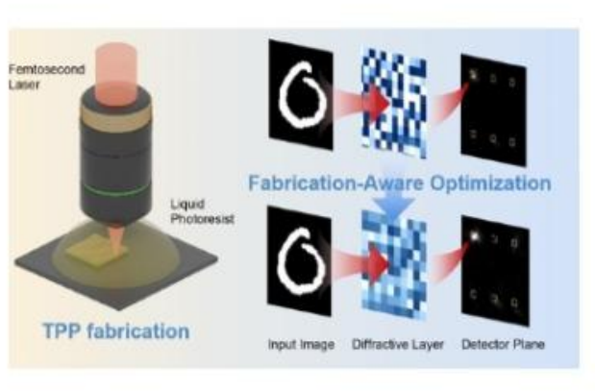

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Fabrication-Aware Training for Two-Photon Polymerized Diffractive Deep Neural Networks

Jiale Yao; Jiabin Bi; Yuhang Xue; Liqun Xu; Zhaohui Ye; Haowen Liu; Bowen Chen; Jincheng Ni; Jiawen Li; Dong Wu; Yanlei Hu

Nano Lett. (2026) 26 (36): 11979–11987.

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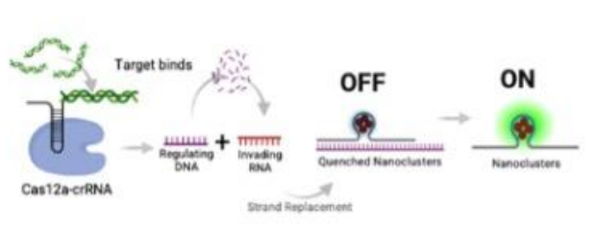

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Invasive RNA Programs Optical Switching in DNA Nanoclusters for CRISPR Sensing

Reggie Gold; Yusha Imtiaz; Vinod Morya; Ken Halvorsen; Emmett Hanson; Mehmet V. Yigit

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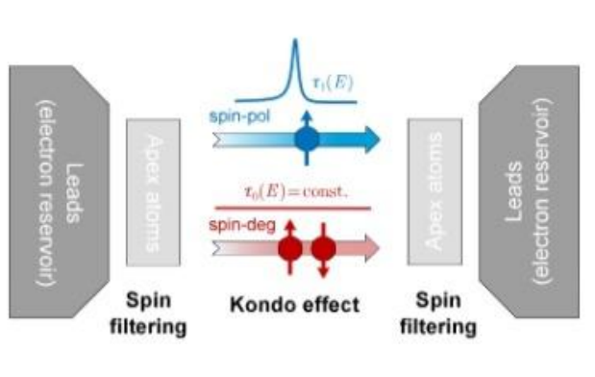

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Spin Polarized Transport in Copper Oxide Atomic Junctions Revealed by Anomalous Shot Noise Behavior in the Presence of the Kondo Effect

Marcel Strohmeier; Samanwita Biswas; Wolfgang Belzig; Regina Hoffmann-Vogel; Elke Scheer

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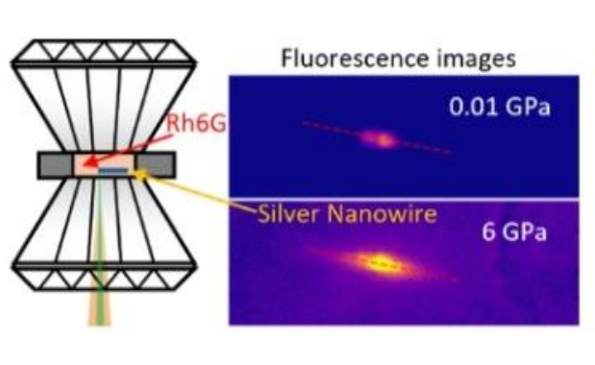

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Kade Johnson; Shriya Gumber; Luo Li; Jeffrey Knoop; Oleg V. Prezhdo; Xuan Zhou

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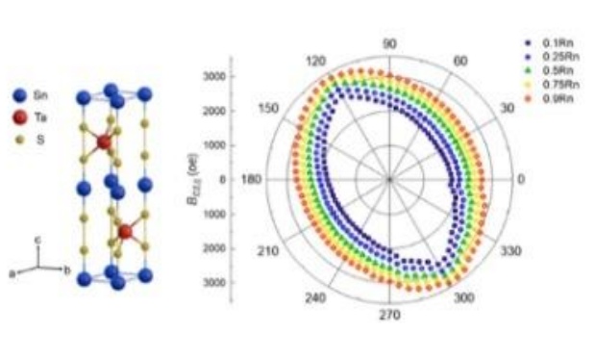

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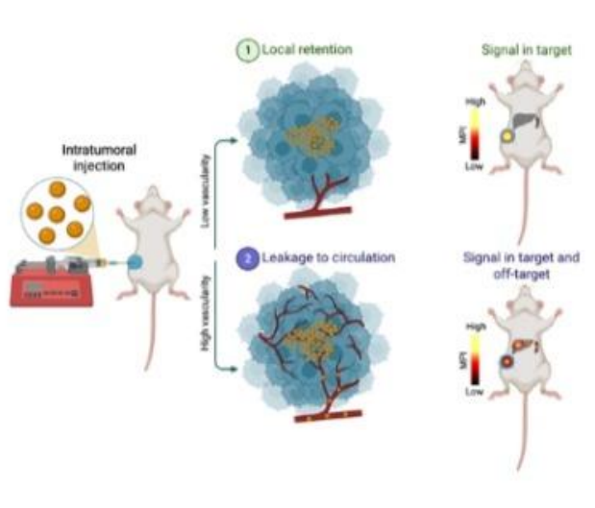

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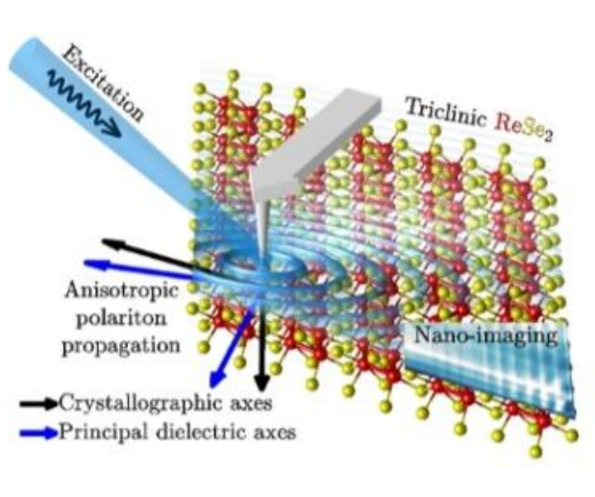

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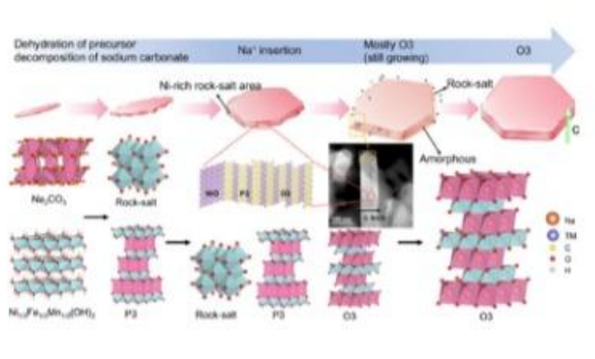

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https://doi.org/10.1021/acs.nanolett.6c02481

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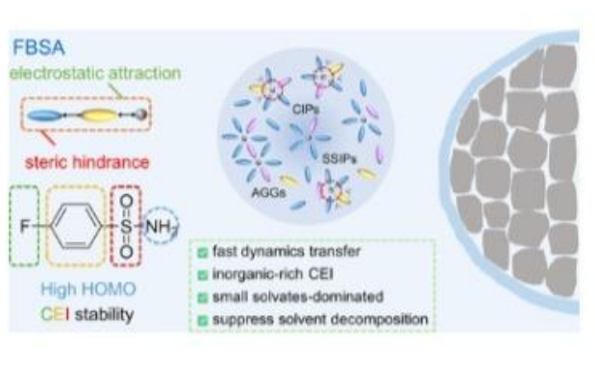

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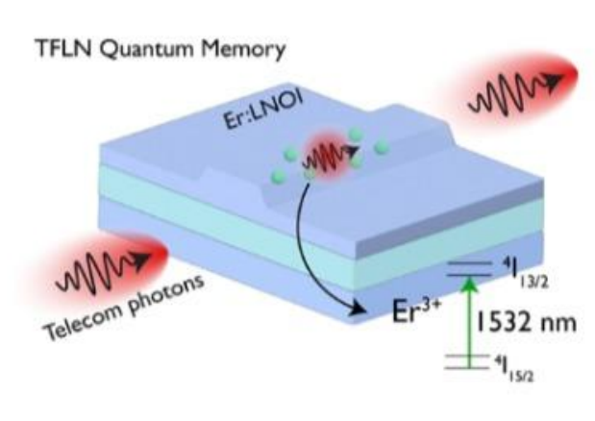

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Telecom Quantum Memory over 1 μs in Nanophotonic Lithium Niobate

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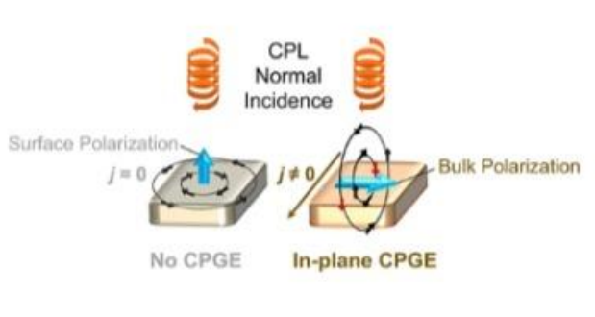

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Unambiguous Bulk Circular Photogalvanic Effect Enabled by Symmetry-Selective Excitation in Two-Dimensional Hybrid Perovskites

Ichi Naruse; Po-Jung Huang; Kouji Taniguchi

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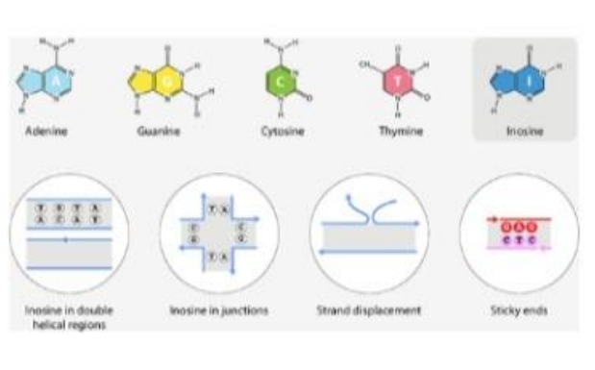

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Inosine Incorporation in DNA Nanostructures and 3D DNA Crystals

Arun Richard Chandrasekaran

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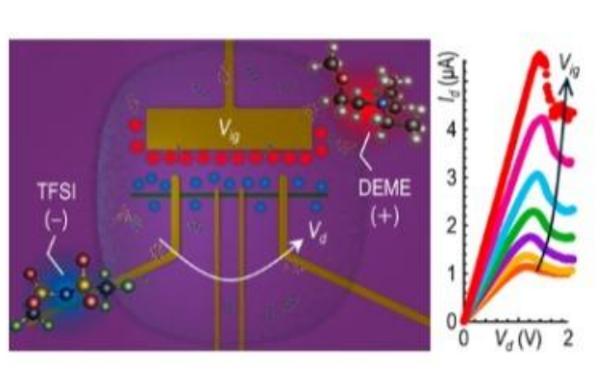

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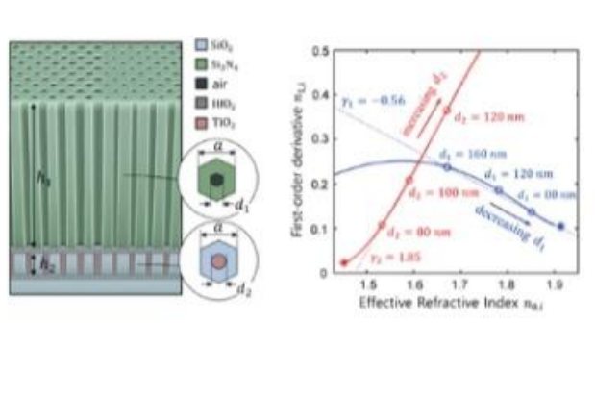

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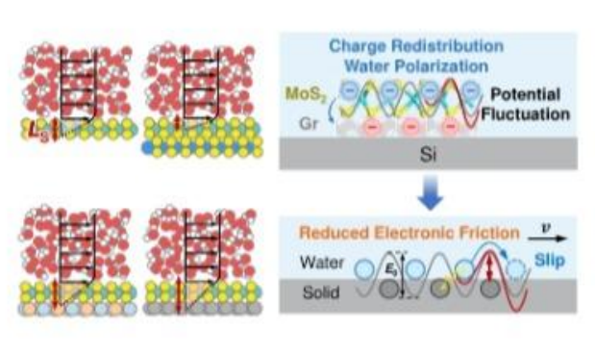

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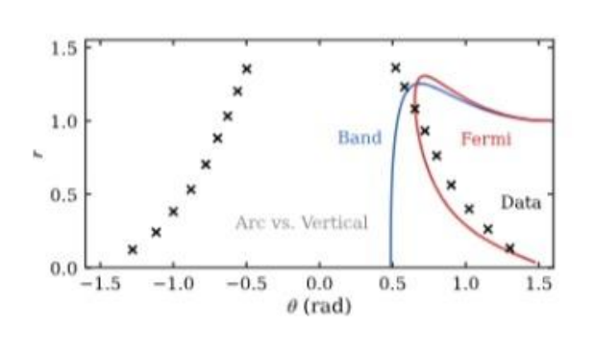

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A New Model Employing Fermi-Level Integration Limits to Correct Systematic Errors in the Extraction of Semimetal Carrier Densities and Mobilities

Y. W. Sun; D. Holec; O. Fenwick; M. J. Coak; D. G. Papageorgiou; C. J. Humphreys; D. J. Dunstan

Nano Lett. (2026) 26 (36): 12104–12110.

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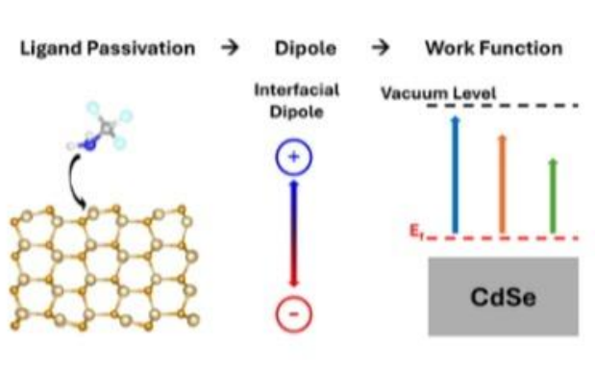

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Ligand Control of the Work Function of CdSe Semiconductor Nanosurfaces

Victoria Oas; Steven Westra; Patrick J. Lohr; Nikita Fedik; Dmitri Kilin; Svetlana Kilina; Sergei Ivanov; Sergei Tretiak

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https://doi.org/10.1021/acs.nanolett.6c02896

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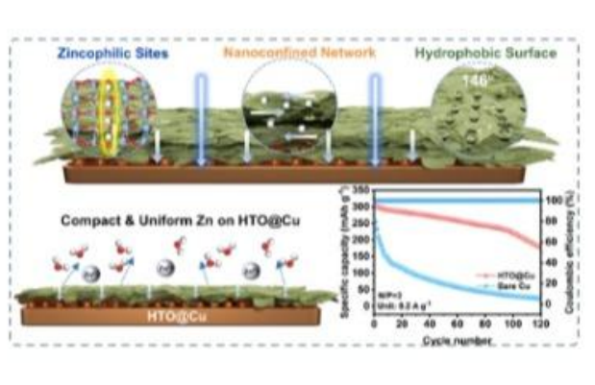

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A Hydrophobic Nanoconfined Interface for Anode-Free Aqueous Zinc Batteries

Peng Xie; Qingqing Zheng; Fuliang Chen; Zewei Hu; Yunqi Gao; Chao Han; Qingbing Xia; Weijie Li

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https://doi.org/10.1021/acs.nanolett.6c02924

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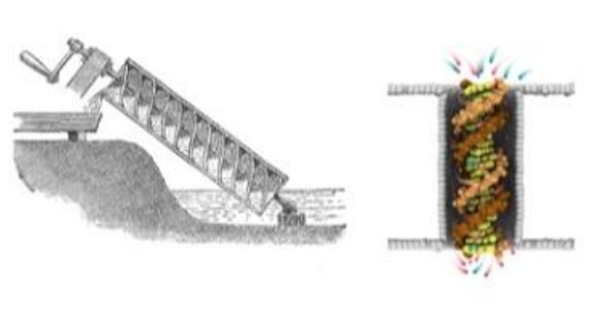

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DNA: A Nanoscale Archimedes' Screw

Xavier Mleziva; Christopher Maffeo; Aleksei Aksimentiev

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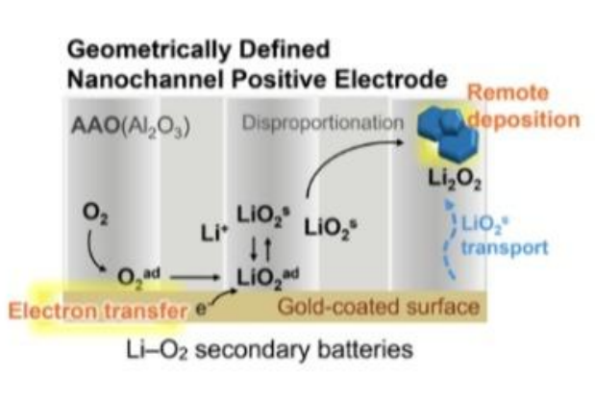
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Li–O2 secondary batteries

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Geometrically Defined Nanochannels Resolve the Interplay of Mass Transport and Product Deposition in Lithium–Oxygen Batteries

Kiho Nishioka; Keisuke Sakaida; Mikiya Tsujinaka; Kuniaki Murase

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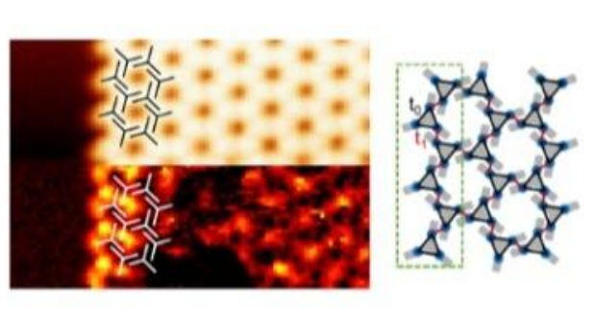

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Direct Observation of the Zigzag Edge States of a Supramolecular Diatomic Kagome Lattice

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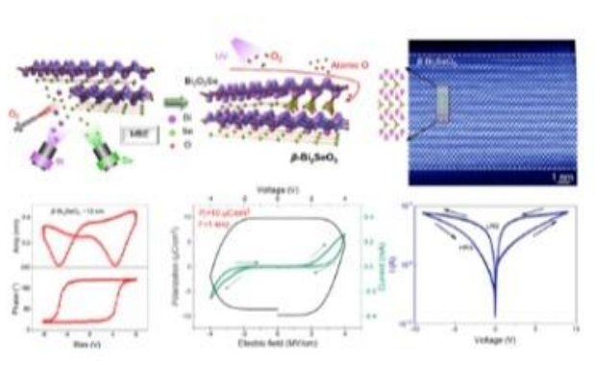

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Robust Room-Temperature Ferroelectricity in β-Bi$_2$SeO$_5$ Thin Films

Wei Li; Lingyuan Kong; Kai Hu; Long Chen; Tianci Hu; Zeguo Lin; Yi Jiang; Fang Yang; Jiandong Guo; Yang Guo; Wei Zhang; Runzhang Xu; Pan Chen; Yan Liang; Jiandi Zhang

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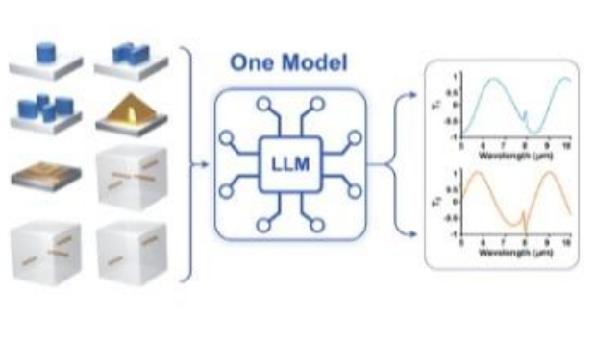

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Huanshu Zhang; Lei Kang; Yuyan Chen; Luxiang Wang; Zhaolong Cao; Douglas H. Werner

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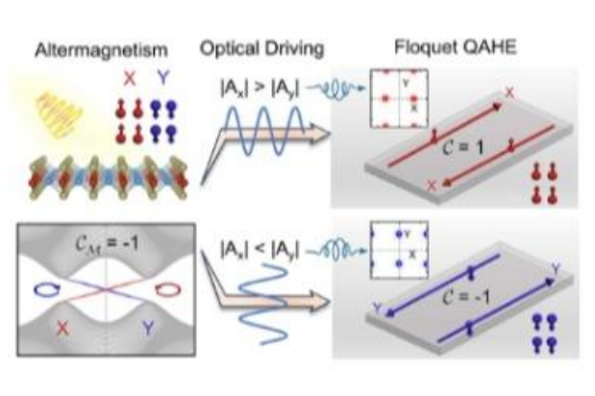

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Tunable Chirality of Floquet Quantum Anomalous Hall Effect in an Altermagnetic Fe$_2$Te$_2$O Monolayer

Zequn Zhang; Zhiqi Chen; Baibiao Huang; Ying Dai; Chengwang Niu

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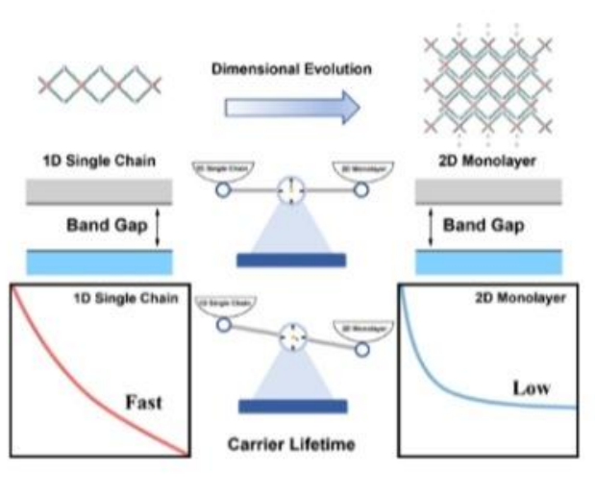

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Revealing the Roles of In-Plane and Out-of-Plane van der Waals Interactions in Modulating the Dimension-Dependent Ground- and Excited-State Properties of Quasi-1D Zigzag COFs

Haipeng Zhang; Jing Zhao; Yueheng Du; Hao Wang; Natalia Martsinovich; Anabel E. Lanterna; Linghui Meng; Mingwen Zhao; Yingcai Fan

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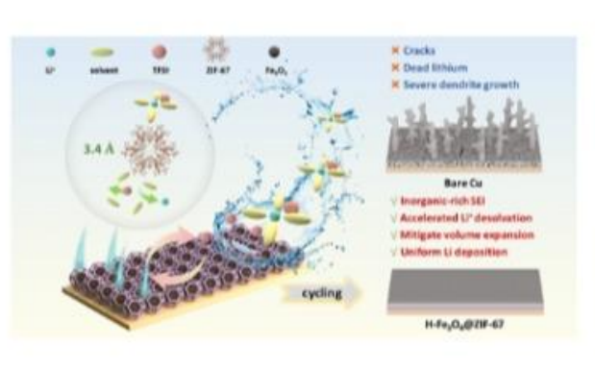

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Confined Predesolvation in a Yolk–Shell Metal–Organic Framework Interphase Enables Reversible Lithium-Metal Anodes

Hongqin Chen; Xinshuo Li; Mengke Zhang; Xuehui Gao; Zhongwei Chen

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